

For Research Use Only

SOCS3 Recombinant antibody, PBS Only

Catalog Number: 85155-4-PBS



Basic Information

Catalog Number: 85155-4-PBS	GenBank Accession Number: BC060858	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9021	CloneNo.: 242809D7
Source: Rabbit	UNIPROT ID: O14543	
Isotype: IgG	Full Name: suppressor of cytokine signaling 3	
Immunogen Catalog Number: AG5170	Calculated MW: 25 kDa	
	Observed MW: 25-30 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

The suppressor of cytokine signaling (SOCS) family proteins are negative feedback system that inhibits cytokine signal transduction. One of the SOCS family, SOCS3, also named CIS3 and SSI3, is involved in inhibition of JAK/STAT pathway which regulates IL-6 signaling in vivo. SOCS3 can be rapidly trigger by a number of factors including interleukins, IFN-gamma and TNF-alpha. Pathology such as inflammatory response, wound repair and obesity and so on have been linked to SOCS3. Observed MW of SOCS3 is from 22-30 kDa(PMID: 24827536, PMID: 26260587, PMID: 26797799).

Storage

Storage:
Store at -80°C.

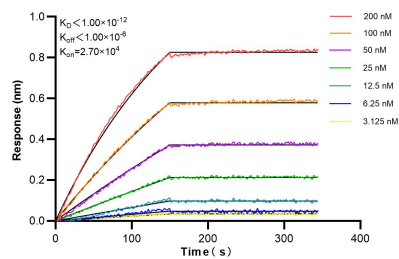
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
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Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 85155-4-RR (SOCS3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85155-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85155-4-RR against Human SOCS3 were performed. The affinity constant is below 1 pM.